

Utah Water Supply Outlook Report

May 1, 2007



East Fork of Blacks Fork Snow Course, May of 2007. First time ever this site has had no snow on May 1. Photo by Brooke Nelson, NRCS, USDA.

Water Supply Outlook Reports

and Federal - State - Private Cooperative Snow Surveys

For more water supply and resource management information, contact:

Snow Survey Staff, 245 N Jimmy Doolittle Rd, SLC Utah, 84041 - Phone: (801)524-5213

Vane O. Campbell, Area Conservationist, 340 N. 600 E., Richfield, UT 84701 - Phone: (435) 896-6441

Kerry Goodrich, Area Conservationist, 2871 S Commerce Way, Ogden UT 84401 (801)629-0575

Barry Hamilton, Area Conservationist, 540 W, Price River Dr. Price, UT 84501-2813 - Phone: (435) 637-0041

Internet Address: <http://www.ut.nrcs.usda.gov/snow/>

How forecasts are made

Most of the annual streamflow in the western United States originates as snowfall that has accumulated in the mountains during the winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Measurements of snow water equivalent at selected manual snowcourses and automated SNOTEL sites, along with precipitation, antecedent streamflow, and indices of the El Niño / Southern Oscillation are used in computerized statistical and simulation models to prepare runoff forecasts. These forecasts are coordinated between hydrologists in the Natural Resources Conservation Service and the National Weather Service. Unless otherwise specified, all forecasts are for flows that would occur naturally without any upstream influences.

Forecasts of any kind, of course, are not perfect. Streamflow forecast uncertainty arises from three primary sources: (1) uncertain knowledge of future weather conditions, (2) uncertainty in the forecasting procedure, and (3) errors in the data. The forecast, therefore, must be interpreted not as a single value but rather as a range of values with specific probabilities of occurrence. The middle of the range is expressed by the 50% exceedance probability forecast, for which there is a 50% chance that the actual flow will be above, and a 50% chance that the actual flow will be below, this value. To describe the expected range around this 50% value, four other forecasts are provided, two smaller values (90% and 70% exceedance probability) and two larger values (30%, and 10% exceedance probability). For example, there is a 90% chance that the actual flow will be more than the 90% exceedance probability forecast. The others can be interpreted similarly.

The wider the spread among these values, the more uncertain the forecast. As the season progresses, forecasts become more accurate, primarily because a greater portion of the future weather conditions become known; this is reflected by a narrowing of the range around the 50% exceedance probability forecast. Users should take this uncertainty into consideration when making operational decisions by selecting forecasts corresponding to the level of risk they are willing to assume about the amount of water to be expected. If users anticipate receiving a lesser supply of water, or if they wish to increase their chances of having an adequate supply of water for their operations, they may want to base their decisions on the 90% or 70% exceedance probability forecasts, or something in between. On the other hand, if users are concerned about receiving too much water (for example, threat of flooding), they may want to base their decisions on the 30% or 10% exceedance probability forecasts, or something in between. Regardless of the forecast value users choose for operations, they should be prepared to deal with either more or less water. (Users should remember that even if the 90% exceedance probability forecast is used, there is still a 10% chance of receiving less than this amount.) By using the exceedance probability information, users can easily determine the chances of receiving more or less water.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotope, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

STATE OF UTAH GENERAL OUTLOOK

May 1, 2007

SUMMARY

April has put an exclamation point on March. As you remember, March was the snowpack equivalent of the Titanic. The only reason that April didn't melt more snow is that there wasn't much snow left to melt. As it is melt ranged from 73% in southwest Utah to 168% of normal for the Uintah Basin. We begin with record or near record low snowpacks in March, accelerate the melt in April and now we are left with snowpacks that range between 3% over southeast Utah to 33% of average on the Bear River. Southern Utah snowpacks are much lower than northern counterparts. With the melting of the snowpack comes the runoff season that can be described, at this point, as lethargic at best. In many cases, low elevation watersheds had little to no response. Many mid elevation watersheds saw moderate rises, have peaked for the season, and are now in recession. Those watersheds with higher elevations are now (early May) in the process of peak flows, nearly a month early and much below average. Optimistically, most watersheds will not be able to sustain significant flows beyond the end of May and most likely not past mid May. Those interests that depend on direct streamflow will be the first and possibly most impacted by what is shaping up to be a long summer. Soil moisture values have peaked and in some cases have started to decline: Bear - 77%, Weber - 75%, Provo - 66%, Uintah Basin - 70%, southeast Utah - 74%, Sevier - 68%, southwest Utah - 59%, and statewide - 70% of saturation. Those watersheds that did increase soil moisture in April did so only slightly and all basins are expected to dry out very quickly. In addition to the obvious impacts of reduced streamflow and dependent on future climatic conditions, Utah might expect an earlier and longer fire season, reduced forage production, agricultural and forest stress and any number of other drought related impacts. Reservoir storage continues to be in good condition although some reservoirs have already begun to decline. Early demand (April!) outpacing inflow with the portent of a long summer is, in general, a red flag. General water supply conditions range from much below to near average. Streamflow forecasts range from 1% in the Monticello area to 60% of average on Little Cottonwood Creek. Surface Water Supply Indices range from 12% on the Weber River to 67% on the west side of the Uintah Basin.

SNOWPACK

May first snowpacks as measured by the NRCS SNOTEL are as follows: Bear - 33%, Weber - 30%, Provo - 21%, Uintahs - 32%, southeast Utah - 3%, Sevier - 26%, southwest Utah - 15% and the statewide figure is 27% of average. Snowpacks are isothermal at all locations with rapid snowmelt and are not expected to last past mid May. This is about a month earlier than normal.

PRECIPITATION

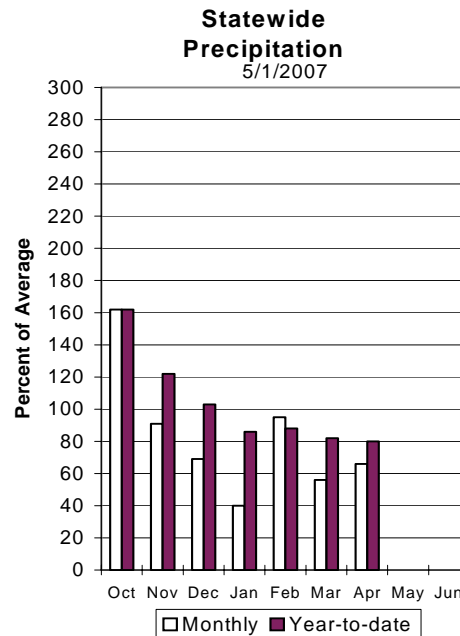
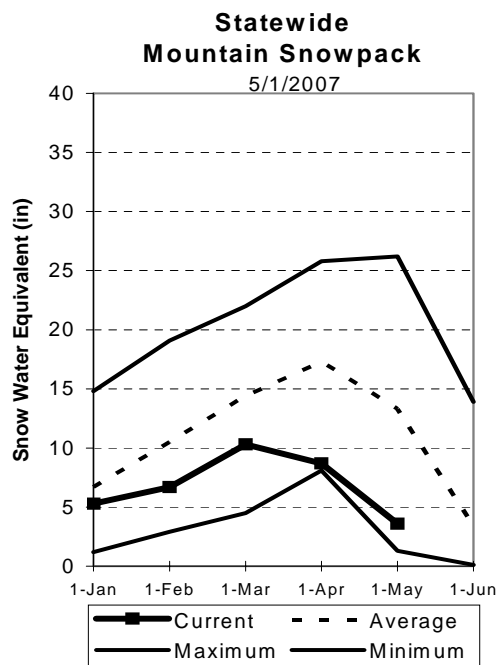
Mountain precipitation during April was much below normal in northern Utah (48%-63%) and below normal across southern Utah (75%-85%). This brings the seasonal accumulation (Oct-Apr) to 80% of average statewide and ranges from 76% on the Provo to 86% over southeastern Utah.

RESERVOIRS

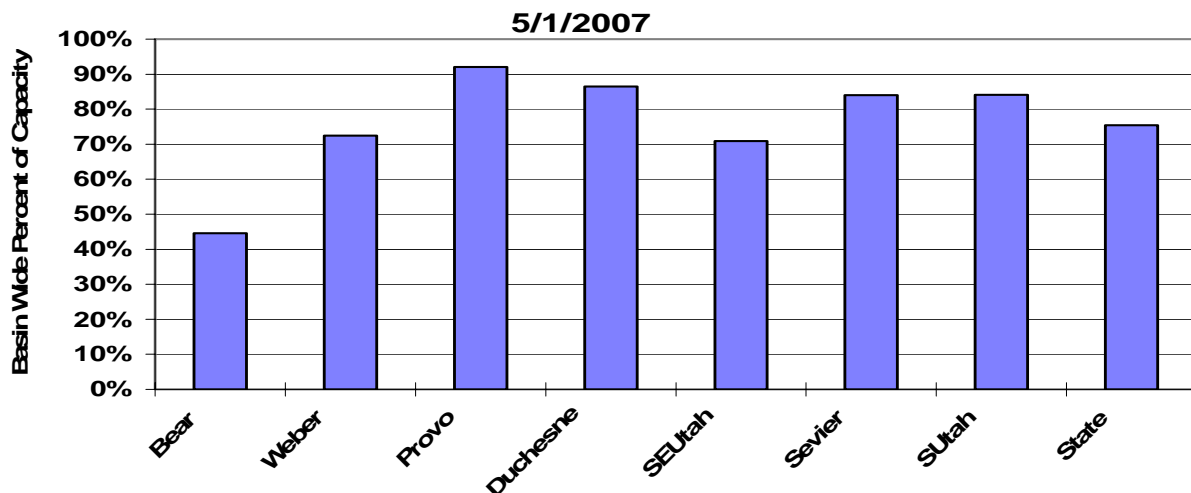
Storage in 41 of Utah's key irrigation reservoirs is at 75% of capacity up 1% from last month. This is also an increase of 2% from last year. Reservoirs across the State did not increase substantially from last month although most were close to full then and remain so now. There are some such as Willard Bay, Huntington North and the Enterprise reservoirs that have fill restrictions that will limit overall water supplies in those areas.

STREAMFLOW

Snowmelt streamflows are expected to have a wide range from much below average to near average across the state of Utah this year. Forecast streamflows range from 1% on North Creek near Monticello to 60% of average for Little Cottonwood Creek. Most flows are forecast to be in the 30% to 50% range.



Statewide Basin Reservoir Storage



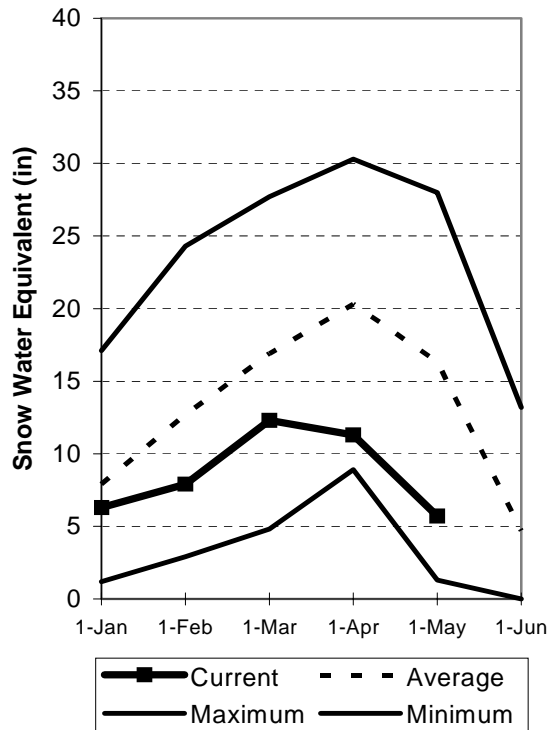
Bear River Basin

May 1, 2007

Snowpacks on the Bear River Basin are much below average at 33% of normal, about 29% of last year. Specific sites range from 0% to 81% of normal. April precipitation was much below average at 63%, which brings the seasonal accumulation (Oct-April) to 78% of average. Soil moisture levels in runoff producing areas are at 77% of saturation in the upper 2 feet of soil compared to 79% last year. Forecast streamflows are much below average (12%-58%) volumes for this spring. Reservoir storage is low at 42% of capacity, 14% more than last year. The Surface Water Supply Index is at 21% for the Bear River, or 79% of years have had more total water available. Water supply conditions are much below normal due to low streamflow and reservoir storage. Since 1977 only one year, 1992, had worse snowpack conditions.

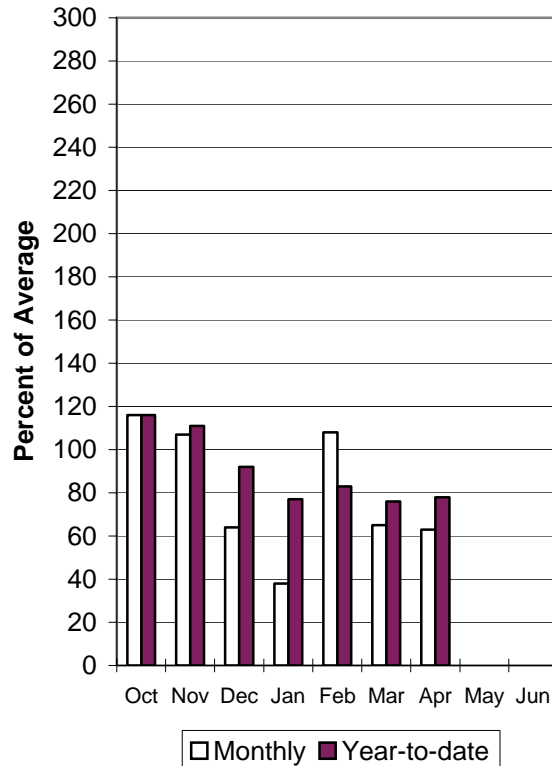
Bear River Snowpack

5/1/2007



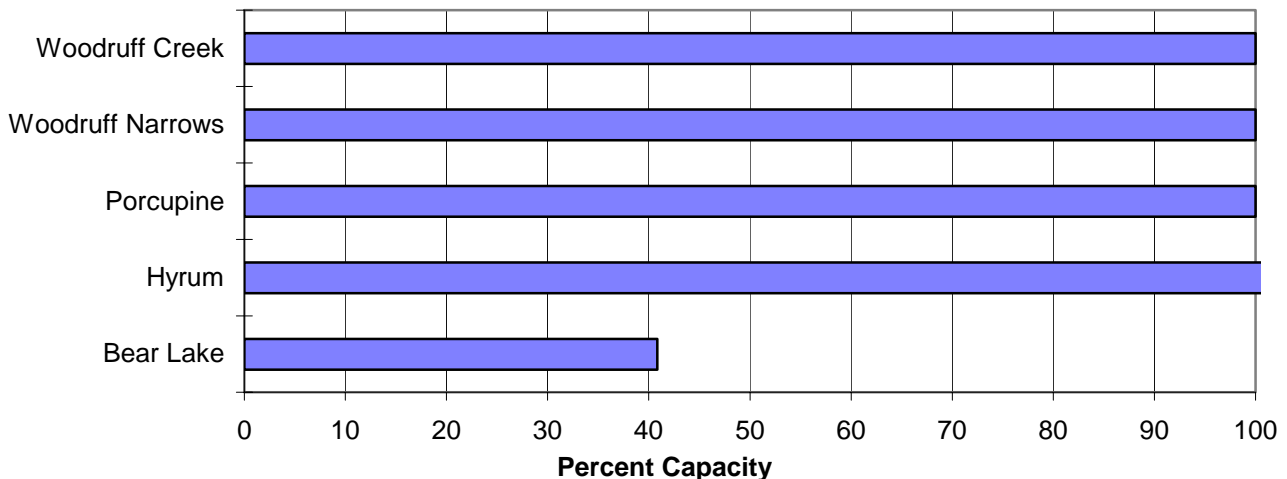
Bear River Precipitation

5/1/2007



Reservoir Storage

5/1/2007



BEAR RIVER BASIN								
Streamflow Forecasts - May 1, 2007								
<<===== Drier ===== Future Conditions ===== Wetter =====>>								
Forecast Point	Forecast Period	=====		Chance Of Exceeding *		=====		30-Yr Avg. (1000AF)
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
Bear River nr UT-WY State Line	APR-JUL	54	64	72	64	80	93	113
	MAY-JUL	44	54	62	58	70	83	107
Bear River ab Reservoir nr Woodruff	APR-JUL	30	36	52	38	60	73	136
	MAY-JUL	17.0	24	40	35	48	61	116
Big Creek nr Randolph	APR-JUL	0.6	1.1	1.6	32	2.2	3.5	4.9
	MAY-JUL	0.1	0.6	1.1	25	1.7	3.0	4.3
Smiths Fork nr Border	APR-JUL	44	53	60	58	67	79	103
	MAY-JUL	35	44	51	54	58	70	95
Bear River at Stewart Dam	APR-JUL	36	39	51	22	61	89	234
	MAY-JUL	6.0	9.0	22	12	32	60	186
Little Bear River at Paradise	APR-JUL	11.1	14.1	16.8	37	20	26	46
	MAY-JUL	2.8	5.8	8.5	27	11.7	17.3	32
Logan R Abv State Dam Nr Logan	APR-JUL	30	41	50	40	60	77	126
	MAY-JUL	16.0	27	36	33	46	63	108
Blacksmith Fk Abv Up&L Dam Nr Hyrum	APR-JUL	13.1	17.4	21	44	25	31	48
	MAY-JUL	6.8	11.1	14.6	37	18.6	25	40

BEAR RIVER BASIN					BEAR RIVER BASIN			
Reservoir Storage (1000 AF) - End of April					Watershed Snowpack Analysis - May 1, 2007			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
BEAR LAKE	1302.0	531.6	391.9	---	BEAR RIVER, UPPER (above	12	43	43
HYRUM	15.3	15.4	11.8	13.2	BEAR RIVER, LOWER (below	13	21	26
PORCUPINE	11.3	11.3	11.3	9.5	LOGAN RIVER	8	23	34
WOODRUFF NARROWS	57.3	57.3	57.3	38.5	BEAR RIVER DRAINAGE	24	27	31
WOODRUFF CREEK	4.0	4.0	4.0	---	RAFT RIVER	1	55	101
					BEAR RIVER BASIN	25	30	35

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

(2) - The value is natural volume - actual volume may be affected by upstream water management.

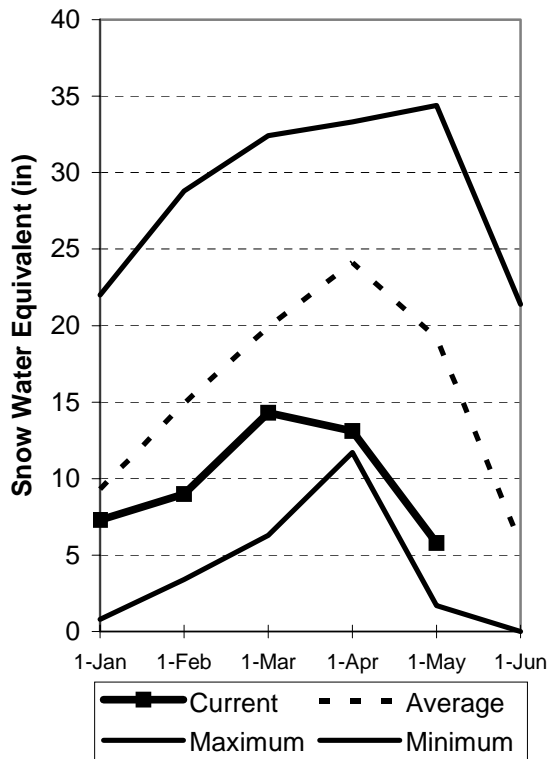
Weber and Ogden River Basins

May 1, 2007

Snowpacks on the Weber and Ogden Watersheds are much below average at 30%, about 24% of last year. Individual sites range from 0% to 56% of average. April precipitation was much below average at 60% bringing the seasonal accumulation (Oct-April) to 79% of average. Soil moisture levels in runoff producing areas are at 75% of saturation in the upper 2 feet of soil compared to 76% last year. Streamflow forecasts range from 25% to 50% of average. Reservoir storage is at 63% of capacity, 15% lower than last year. The Surface Water Supply Index is at 10% for the Weber River and at 14% for the Ogden River. Overall water supply conditions are much below normal. Only one year since 1971 had worse snowpack conditions, that was in 1977.

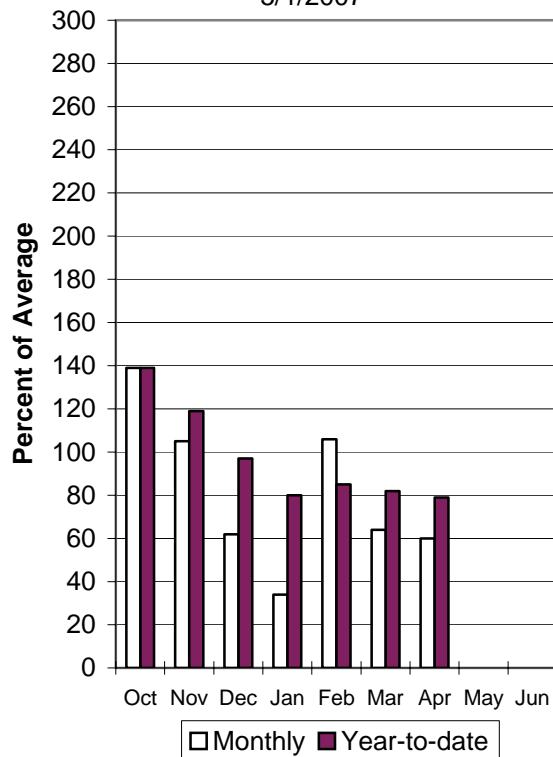
Weber River Snowpack

5/1/2007



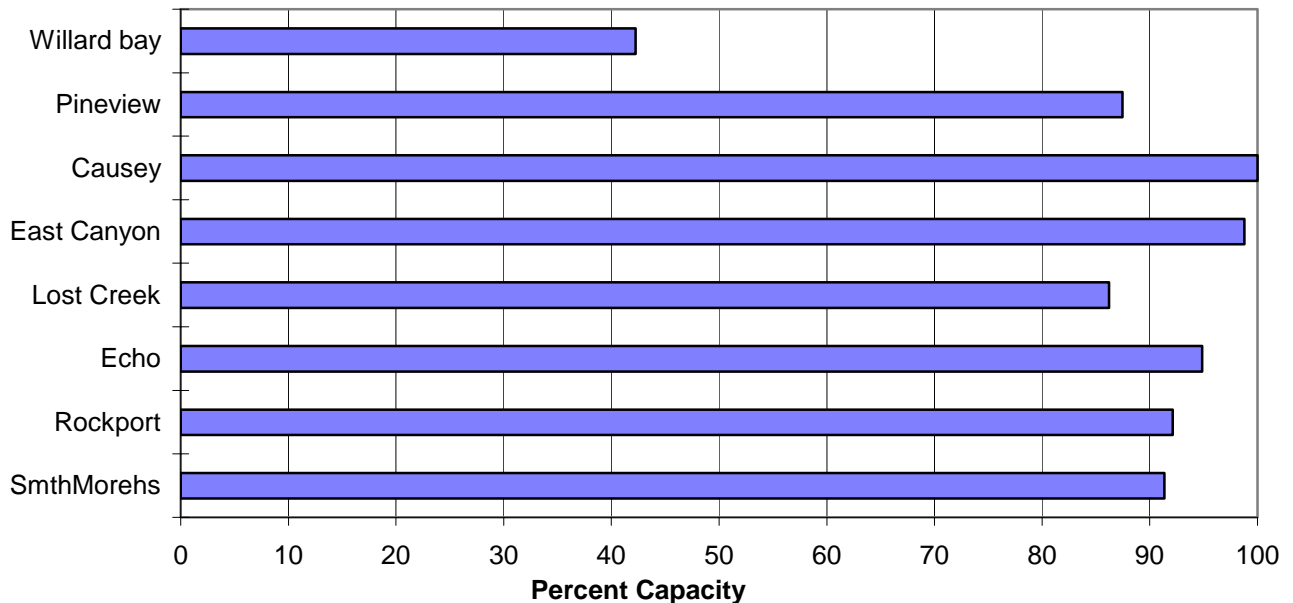
Weber River Precipitation

5/1/2007



Reservoir Storage

5/1/2007



WEBER & OGDEN WATERSHEDS in Utah
Streamflow Forecasts - May 1, 2007

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>						30-Yr Avg. (1000AF)
		Chance Of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
Smith & Morehouse Res inflow	APR-JUL	12.0	15.7	18.2	54	21	25	34
	MAY-JUL	9.3	13.0	15.5	50	18.0	22	31
Weber River nr Oakley	APR-JUL	42	56	65	53	74	88	123
	MAY-JUL	30	44	53	47	62	76	113
Rockport Resv Inflow Nr Wanship	APR-JUL	30	44	54	40	63	78	134
	MAY-JUL	22	36	46	38	55	70	120
Weber River nr Coalville	APR-JUL	31	44	53	39	64	76	137
	MAY-JUL	22	35	44	39	55	67	114
Chalk Creek at Coalville	APR-JUL	10.7	14.4	17.6	39	21	28	45
	MAY-JUL	4.0	7.7	10.9	30	14.6	21	37
Echo Reservoir inflow	APR-JUL	46	64	77	43	88	107	179
	MAY-JUL	29	47	60	40	71	90	152
Lost Creek Reservoir inflow	APR-JUL	3.2	4.3	5.4	31	6.7	9.0	17.6
	MAY-JUL	1.0	2.1	3.2	25	4.5	6.8	12.9
East Canyon Reservoir inflow	APR-JUL	6.7	9.0	10.9	35	13.1	16.9	31
	MAY-JUL	2.8	5.1	7.0	32	9.2	13.0	22
Weber River at Gateway	APR-JUL	112	127	138	39	149	164	355
	MAY-JUL	65	80	91	33	102	117	273
SF Ogden River nr Huntsville	APR-JUL	17.5	21	25	39	28	34	64
	MAY-JUL	7.3	11.2	14.4	31	18.0	24	47
Pineview Reservoir inflow	APR-JUL	32	41	49	37	58	74	133
	MAY-JUL	11.0	20	28	32	37	53	89
Wheeler Creek nr Huntsville	APR-JUL	1.6	2.2	2.7	43	3.3	4.2	6.3
	MAY-JUL	0.9	1.4	1.9	45	2.5	3.4	4.3

WEBER & OGDEN WATERSHEDS in Utah
Reservoir Storage (1000 AF) - End of April

WEBER & OGDEN WATERSHEDS in Utah
Watershed Snowpack Analysis - May 1, 2007

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
CAUSEY	7.1	7.1	5.6	4.0	OGDEN RIVER	4	17	22
EAST CANYON	49.5	48.9	42.6	40.5	WEBER RIVER	13	24	34
ECHO	73.9	70.3	52.0	52.9	WEBER & OGDEN WATERSHEDS	17	22	30
LOST CREEK	22.5	19.4	17.1	15.6				
PINEVIEW	110.1	96.3	84.2	77.7				
ROCKPORT	60.9	56.1	34.9	38.6				
WILLARD BAY	215.0	90.8	184.3	168.0				

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

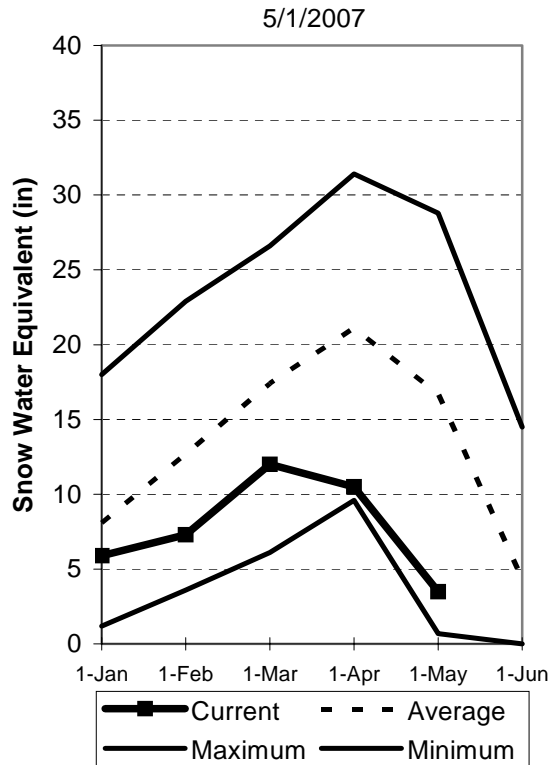
- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.

Utah Lake, Jordan River & Tooele Valley Basins

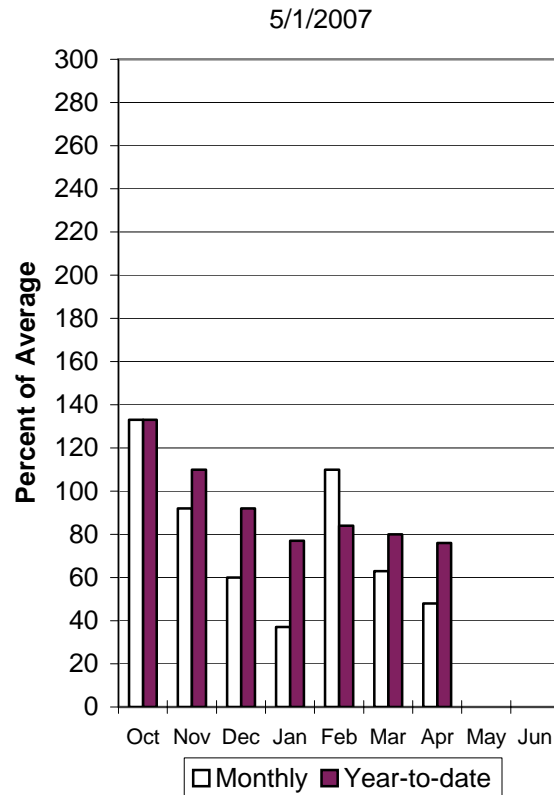
May 1, 2007

Snowpack over these regions is much below average at 21%, which is 17% of last year and down 29% from last month. This is the lowest May 1 snowpack for this region since 1992. Individual sites range from 0% to 59% of average. April precipitation was much below average at 48%, bringing the seasonal accumulation (Oct-Apr) to 76% of average. Soil moisture levels in runoff producing areas are at 66% of saturation in the upper 2 feet of soil compared to 71% last year. Reservoir storage is at 92% of capacity, 2% higher than last year. Streamflow forecasts range from 20% to 59% of average. The Surface Water Supply Index is at 42%, indicating general water supply conditions are near normal due to good reservoir carryover.

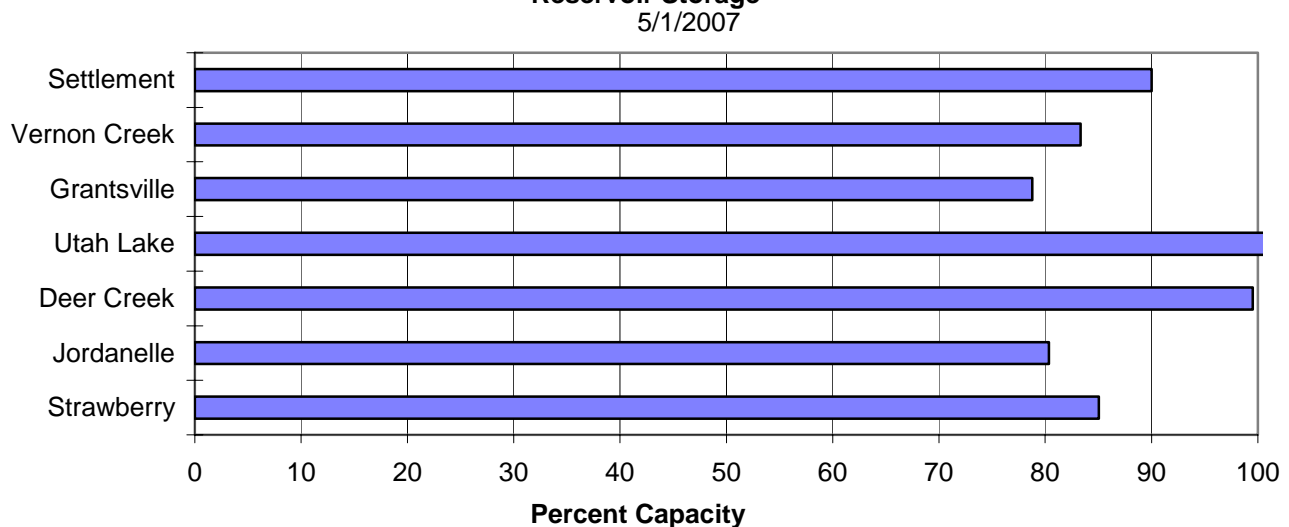
Provo River Snowpack



Provo River Precipitation



Reservoir Storage



UTAH LAKE, JORDAN RIVER & TOOELE VALLEY
Streamflow Forecasts - May 1, 2007

		<<===== Drier ===== Future Conditions ===== Wetter =====>>						
Forecast Point	Forecast Period	Chance Of Exceeding *						30-Yr Avg. (1000AF)
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
Spanish Fork River nr Castilla	APR-JUL	13.3	22	30	39	40	57	77
	MAY-JUL	5.6	14.1	22	37	32	49	60
Provo River nr Woodland	APR-JUL	45	54	60	58	67	78	103
	MAY-JUL	26	35	41	45	48	59	92
Provo River nr Hailstone	APR-JUL	44	55	61	56	70	82	109
	MAY-JUL	25	36	42	44	51	63	95
Deer Creek Resv Inflow	APR-JUL	43	54	61	48	70	84	126
	MAY-JUL	27	38	45	44	54	68	102
American Fk Abv Upper Powerplant	APR-JUL	18.8	22	24	75	26	30	32
	MAY-JUL	5.8	8.5	10.7	36	13.1	17.2	30
Utah Lake inflow	APR-JUL	112	138	156	48	177	210	325
	MAY-JUL	30	56	74	31	95	130	239
West Canyon Ck Nr Cedar Fort	APR-JUL	0.2	0.3	0.5	19	0.6	0.8	2.4
	MAY-JUL	0.2	0.3	0.4	21	0.6	0.8	2.1
Little Cottonwood Ck nr SLC	APR-JUL	18.1	22	24	60	27	31	40
	MAY-JUL	16.1	19.5	22	60	25	29	37
Big Cottonwood Ck nr SLC	APR-JUL	14.8	18.2	21	55	24	28	38
	MAY-JUL	13.1	16.5	19.0	58	22	26	33
Mill Creek nr SLC	APR-JUL	2.3	3.0	3.6	51	4.3	5.3	7.0
	MAY-JUL	1.0	1.7	2.3	39	3.0	4.0	5.9
Parley's Creek nr SLC	APR-JUL	1.2	2.4	3.5	21	4.9	7.3	16.7
	MAY-JUL	0.9	2.1	3.2	25	4.6	7.0	12.8
Dell Fork nr SLC	APR-JUL	0.7	1.3	1.7	25	2.2	4.2	6.8
	MAY-JUL	0.4	0.9	1.4	28	1.9	2.9	5.0
Emigration Creek nr SLC	APR-JUL	0.2	0.6	0.9	20	1.3	2.1	4.5
	MAY-JUL	0.1	0.4	0.8	25	1.2	2.0	3.1
City Creek nr SLC	APR-JUL	2.2	3.1	3.8	44	4.7	6.1	8.7
	MAY-JUL	1.1	2.0	2.7	37	3.6	5.0	7.3
Vernon Creek nr Vernon	APR-JUL	0.4	0.6	0.7	48	0.9	1.2	1.5
	MAY-JUL	0.2	0.3	0.5	43	0.6	0.9	1.1
Settlement Creek Abv Resv Nr Tooele	APR-JUL	0.1	0.3	0.4	20	0.6	0.9	2.1
	MAY-JUL	0.1	0.2	0.4	20	0.5	0.8	1.8
South Willow Creek nr Grantsville	APR-JUL	1.1	1.4	1.6	50	1.9	2.2	3.2
	MAY-JUL	0.7	1.0	1.2	44	1.5	1.9	2.8

UTAH LAKE, JORDAN RIVER & TOOELE VALLEY
Reservoir Storage (1000 AF) - End of April

UTAH LAKE, JORDAN RIVER & TOOELE VALLEY
Watershed Snowpack Analysis - May 1, 2007

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
DEER CREEK	149.7	149.0	128.2	119.4	PROVO RIVER & UTAH LAKE	8	12	16
GRANTSVILLE	3.3	2.6	3.3	2.8	PROVO RIVER	4	19	28
SETTLEMENT CREEK	1.0	0.9	0.9	0.7	JORDAN RIVER & GREAT SALT	11	24	37
STRAWBERRY-ENLARGED	1105.9	940.6	848.6	663.7	TOOELE VALLEY WATERSHEDS	5	9	8
UTAH LAKE	870.9	905.6	946.0	872.6	UTAH LAKE, JORDAN RIVER &	24	19	27
VERNON CREEK	0.6	0.5	0.5	---				

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

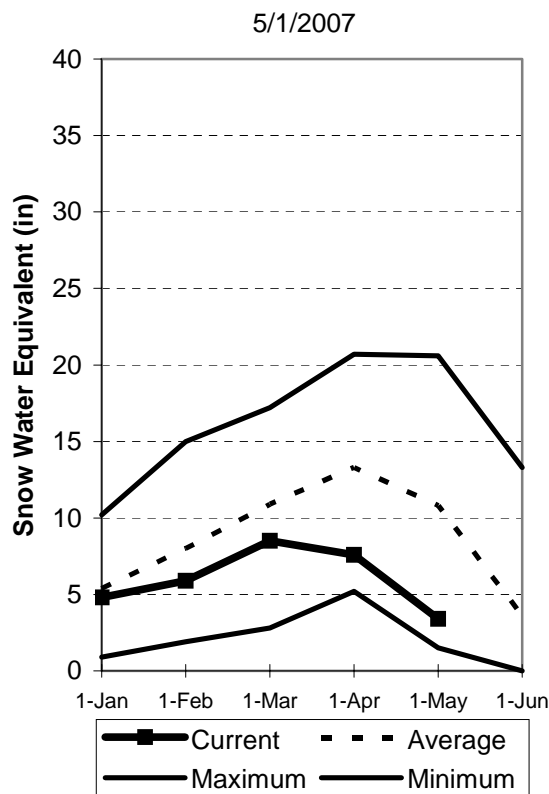
The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
 (2) - The value is natural volume - actual volume may be affected by upstream water management.

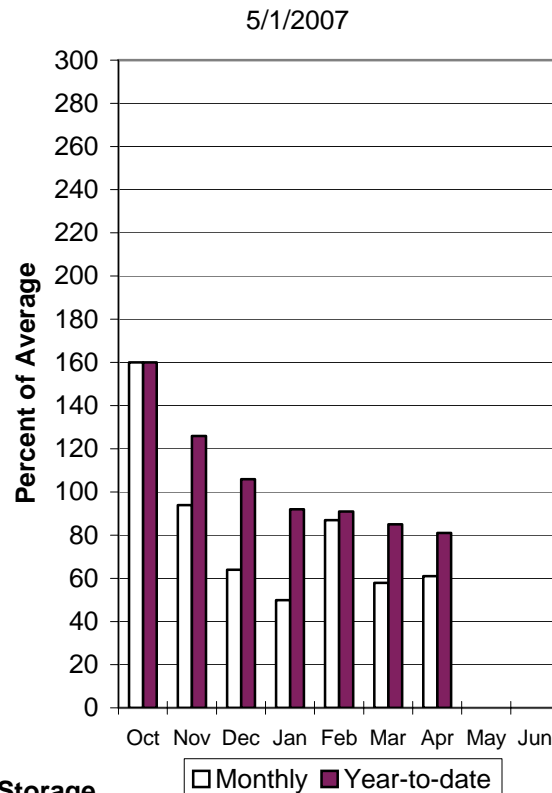
Uintah Basin and Dagget SCD's **May 1, 2007**

Snowpack across the Uintas is much below average at 32%, which is just 38% of last year. This is the worst May 1 snowpack on the Uintas since 2002. Individual sites on the North Slope range from 0% to 84% and on the South Slope range from 0% to 75% of average. East Fork-Blacks Fork G.S. had no snow--a first for the May 1 survey going back to 1961. Precipitation during April was much below average at 61% (the sixth consecutive below normal month) bringing the seasonal accumulation (Oct-Apr) to 81% of average. Soil moisture values in runoff producing areas are at 70% of saturation in the upper 2 feet of soil compared to 75% last year. Reservoir storage is at 86% of capacity, 7% more than last year. Streamflow forecasts (May-July) range from 15% to 62% of average. The Surface Water Supply Index for the western area is 60% and for the eastern area it is 24% indicating normal conditions on the west side and much below normal for the eastern area. General water supply conditions range from average on the west side thanks to excellent reservoir carryover to much below average in the east.

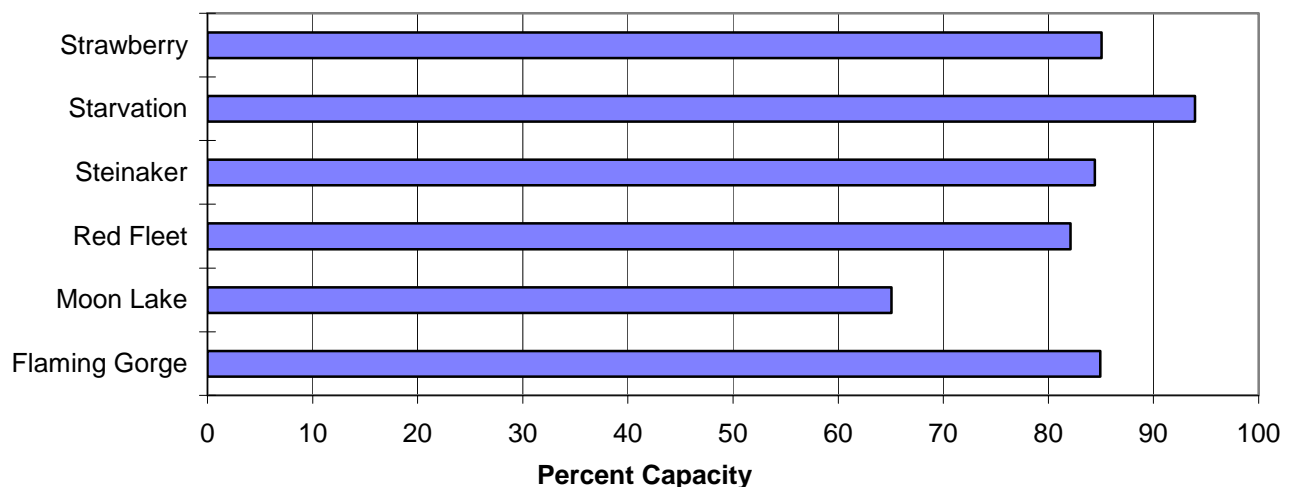
Uinta Snowpack



Uinta Precipitation



Reservoir Storage 5/1/2007



UINTAH BASIN & DAGGET SCD'S
Streamflow Forecasts - May 1, 2007

		<<===== Drier ===== Future Conditions ===== Wetter =====>>							
Forecast Point	Forecast Period	Chance Of Exceeding *						30-Yr Avg. (1000AF)	
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)		
=====									
Blacks Fork nr Robertson	APR-JUL	43	53	60	63	68	80	95	
	MAY-JUL	39	49	56	61	64	76	92	
EF of Smiths Fork nr Robertson	APR-JUL	11.1	14.8	17.6	61	20	25	29	
	MAY-JUL	10.8	14.5	17.3	62	20	25	28	
Flaming Gorge Reservoir Inflow (2)	APR-JUL	285	405	500	42	605	785	1190	
	MAY-JUL	215	335	430	42	540	720	1035	
Big Brush Ck abv Red Fleet Resv	APR-JUL	9.8	12.0	13.8	66	15.7	18.9	21	
	MAY-JUL	5.8	8.0	9.8	52	11.7	14.9	18.8	
Ashley Creek nr Vernal	APR-JUL	19.4	25	29	56	34	41	52	
	MAY-JUL	16.4	22	26	52	31	38	50	
WF Duchesne River nr Hanna (2)	APR-JUL	5.8	8.1	10.0	42	12.1	15.8	24	
	MAY-JUL	3.5	5.8	7.7	36	9.8	13.5	22	
Duchesne R nr Tabiona (2)	APR-JUL	26	34	40	38	47	57	105	
	MAY-JUL	15.6	23	29	30	36	46	96	
Upper Stillwater Resv Inflow	APR-JUL	34	40	45	55	50	57	82	
	MAY-JUL	30	36	41	52	46	53	79	
Rock Ck nr Mountain Home (2)	APR-JUL	38	45	50	56	55	64	89	
	MAY-JUL	32	39	44	52	49	58	85	
Duchesne R abv Knight Diversion (2)	APR-JUL	61	75	86	46	98	116	188	
	MAY-JUL	46	60	71	41	83	101	173	
Strawberry R nr Soldier Springs (2)	APR-JUL	6.8	10.5	13.8	23	17.8	25	59	
	MAY-JUL	3.0	6.7	10.0	22	14.0	21	46	
Currant Creek Reservoir Inflow (2)	APR-JUL	1.6	4.2	6.7	27	9.7	15.2	25	
	MAY-JUL	1.6	4.2	6.7	31	9.7	15.2	22	
Strawberry R nr Duchesne (2)	APR-JUL	12.0	18.0	24	20	31	45	121	
	MAY-JUL	3.0	9.0	15.0	15	22	36	100	
Lake Fork River Moon Lake Inflow	APR-JUL	28	34	38	56	42	50	68	
	MAY-JUL	27	33	37	57	41	49	65	
Yellowstone River nr Altonah	APR-JUL	26	32	36	58	41	48	62	
	MAY-JUL	22	28	32	54	37	44	59	
Duchesne R at Myton (2)	APR-JUL	33	47	59	23	74	99	260	
	MAY-JUL	14.0	28	40	17	55	80	230	
Whiterocks near Whiterocks	APR-JUL	24	30	35	63	40	48	56	
	MAY-JUL	21	27	32	60	37	45	53	
Duchesne R nr Randlett (2)	APR-JUL	28	48	70	22	98	150	324	
	MAY-JUL	8.0	28	50	17	78	130	289	

UINTAH BASIN & DAGGET SCD'S Reservoir Storage (1000 AF) - End of April					UINTAH BASIN & DAGGET SCD'S Watershed Snowpack Analysis - May 1, 2007			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
FLAMING GORGE	3749.0	3184.0	3033.0	2952.0	UPPER GREEN RIVER in UTAH	11	63	39
MOON LAKE	49.5	32.2	29.0	30.8	ASHLEY CREEK	2	0	0
RED FLEET	25.7	21.1	23.0	19.9	BLACK'S FORK RIVER	3	47	40
STEINAKER	33.4	28.2	33.3	25.0	SHEEP CREEK	2	131	61
STARVATION	165.3	155.3	143.8	139.7	DUCHESNE RIVER	12	34	34
STRAWBERRY-ENLARGED	1105.9	940.6	848.6	663.7	LAKE FORK-YELLOWSTONE CRE	5	44	49
					STRAWBERRY RIVER	4	0	0
					UINTAH-WHITEROCKS RIVERS	2	39	32
					UINTAH BASIN & DAGGET SCD	23	44	36

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

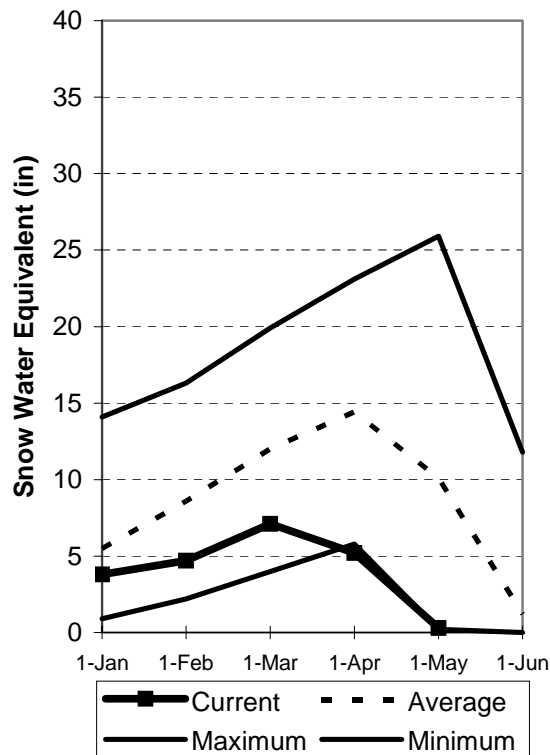
- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
 (2) - The value is natural volume - actual volume may be affected by upstream water management.

Carbon, Emery, Wayne, Grand and San Juan Co. May 1, 2007

Snowpacks in this region are much below normal at 3% of average, about 3% of last year. Individual sites range from 0% to 52% of average. This is the worst May 1st snowpack for this region since 1977. Precipitation during April was below average at 75%, bringing the seasonal accumulation (Oct-Apr) to 86% of normal. Soil moisture estimates in runoff producing areas are at 74% of saturation in the upper 2 feet of soil compared to 77% last year and up 1% from last month. Forecast streamflows range from 1% to 68% of average with the lowest flows predicted in the Abajo Mountains. Reservoir storage is at 71% of capacity, up 16% from last year at this time. Surface Water Supply Indices for the area are: Price 20%, San Rafael area 7% and Moab 18%. General runoff and water supply conditions are much below normal.

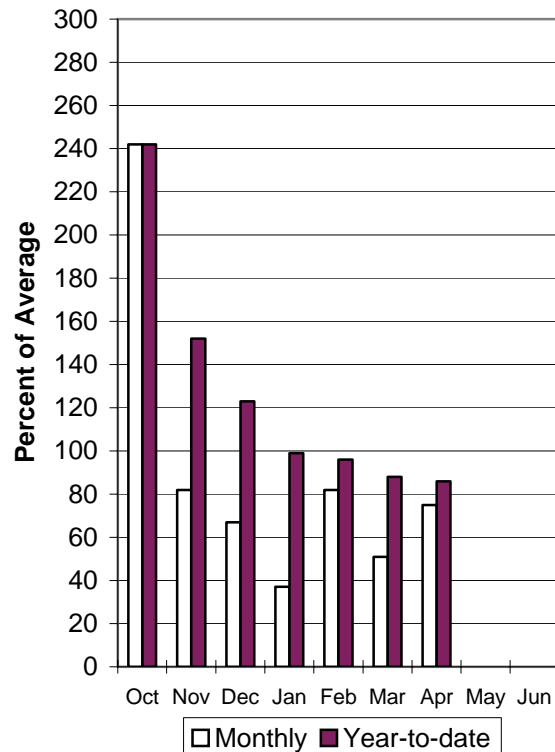
Southeast Utah Snowpack

5/1/2007



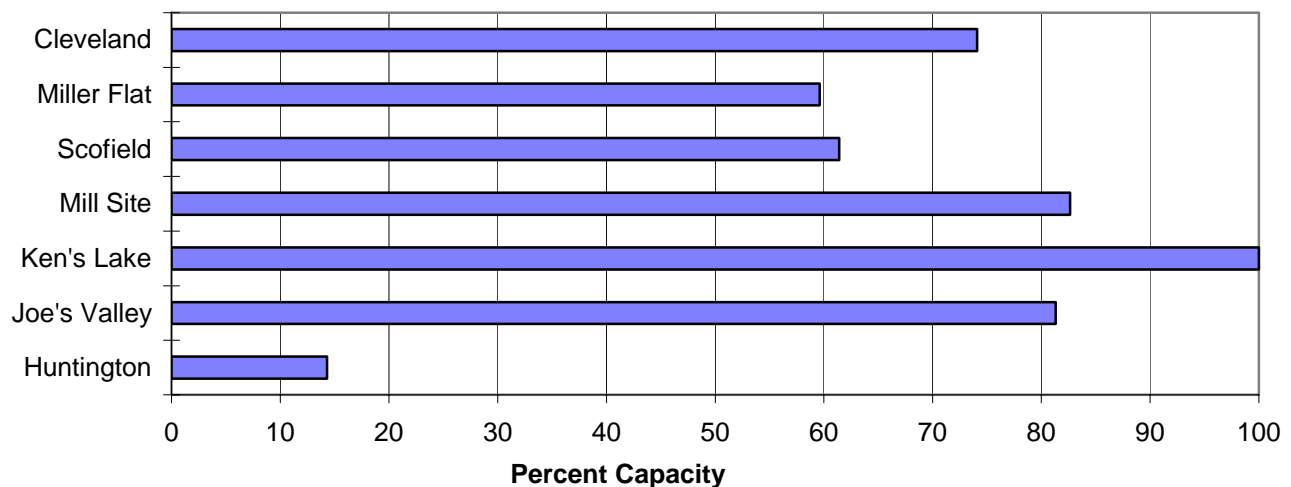
Southeast Utah Precipitation

5/1/2007



Reservoir Storage

5/1/2007



CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.
Streamflow Forecasts - May 1, 2007

		<<===== Drier ===== Future Conditions ===== Wetter =====>>						
Forecast Point	Forecast Period	=====		Chance Of Exceeding *		=====		30-Yr Avg. (1000AF)
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
Gooseberry Creek nr Scofield	APR-JUL	2.9	3.8	4.5	38	5.3	6.5	11.9
	MAY-JUL	2.2	3.1	3.8	35	4.6	5.8	10.8
Price River near Scofield Reservoir	APR-JUL	-2.5	8.4	15.9	35	23	34	45
	MAY-JUL	-5.4	5.5	13.0	33	20	31	40
White River blw Tabbayne Creek	APR-JUL	1.9	2.6	3.2	19	4.0	5.4	17.3
	MAY-JUL	0.3	1.0	1.6	12	2.4	3.8	13.6
Green River at Green River, UT (2)	APR-JUL	960	1220	1410	45	1590	1860	3170
	MAY-JUL	608	877	1060	39	1243	1512	2740
Huntington Ck Inflow to Electric Lk	APR-JUL	3.6	4.6	5.3	34	6.1	7.5	15.7
	MAY-JUL	2.3	3.3	4.0	29	4.8	6.2	14.0
Huntington Ck nr Huntington	APR-JUL	5.9	8.2	13.7	28	21	33	49
	MAY-JUL	2.2	4.5	10.0	22	17.6	29	45
Joe's Valley Resv Inflow	APR-JUL	15.0	21	25	43	30	38	58
	MAY-JUL	11.9	17.6	22	42	27	35	53
Ferron Ck (Upper Station) nr Ferron	APR-JUL	11.5	14.0	15.8	41	17.8	21	39
	MAY-JUL	7.7	10.2	12.0	33	14.0	17.2	36
Colorado River Near Cisco (2)	APR-JUL	2030	2700	3150	68	3600	4320	4650
	MAY-JUL	1470	2140	2590	64	3040	3760	4080
Mill Creek at Sheley Tunnel nr Moab	APR-JUL	1.5	1.8	2.0	40	2.2	2.6	5.0
	MAY-JUL	1.0	1.3	1.6	36	1.8	2.2	4.3
Seven Mile Ck nr Fish Lake	APR-JUL	2.5	3.0	3.5	50	4.0	4.8	7.0
	MAY-JUL	1.5	2.0	2.5	41	3.0	3.8	6.1
Muddy Creek nr Emery	APR-JUL	6.2	7.8	9.1	46	10.5	12.7	19.9
	MAY-JUL	4.1	5.7	7.0	39	8.4	10.6	18.0
North Ck ab R.S. nr Monticello	MAR-JUL	0.0	0.0	0.0	1	0.0	0.1	0.8
	MAY-JUL	0.0	0.0	0.0	2	0.0	0.1	0.6
South Ck ab Lloyd's Res nr Monticell	MAR-JUL	0.0	0.0	0.1	4	0.1	0.2	1.4
	MAY-JUL	0.0	0.0	0.0	3	0.1	0.1	1.0
Recapture Ck Bl Johnson Ck nr Blandi	MAR-JUL	0.0	0.0	0.1	2	0.2	0.6	5.0
	MAY-JUL	0.0	0.0	0.0	1	0.1	0.3	2.9
San Juan River near Bluff (2)	APR-JUL	375	570	700	57	835	1030	1230
	MAY-JUL	210	410	540	55	670	870	975

CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.
Reservoir Storage (1000 AF) - End of April

CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.
Watershed Snowpack Analysis - May 1, 2007

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
HUNTINGTON NORTH	4.2	0.6	4.2	4.1	PRICE RIVER	3	8	12
JOE'S VALLEY	61.6	50.1	42.4	41.9	SAN RAFAEL RIVER	6	14	20
KEN'S LAKE	2.3	2.3	2.3	1.6	MUDDY CREEK	1	0	0
MILL SITE	16.7	13.8	8.8	99.7	FREMONT RIVER	5	11	3
SCOFIELD	65.8	40.4	25.8	37.4	LASAL MOUNTAINS	2	0	0
					BLUE MOUNTAINS	2	0	0
					WILLOW CREEK - WHITE RIVE	1	0	0
					CARBON, EMERY, WAYNE, GRA	20	12	11

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.

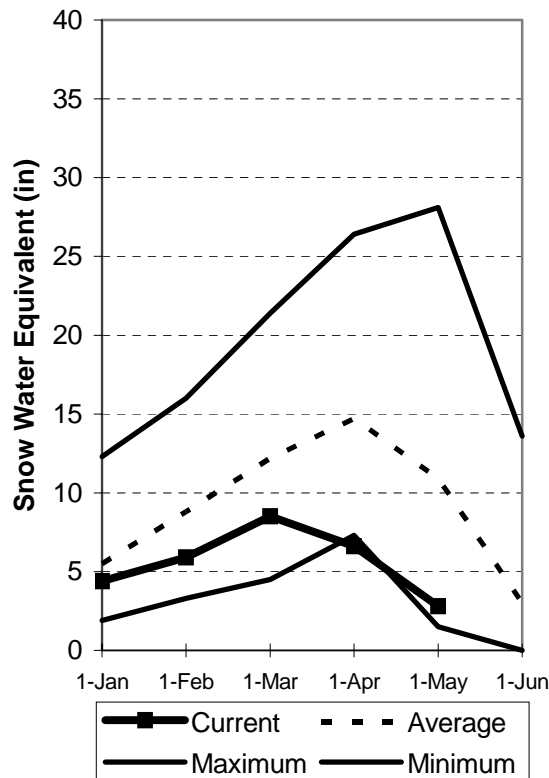
Sevier and Beaver River Basins

May 1, 2007

Snowpacks on the Sevier River Basin are much below normal at 26% of average, about 34% of last year and down 19% relative to last month. Individual sites range from 0% to 75% of average with 16 of 22 sites at zero. Precipitation during April was below average at 80% of normal, bringing the seasonal accumulation (Oct-Apr) to 82% of average. Soil moisture estimates in runoff producing areas are at 68% of saturation in the upper 2 feet of soil compared to 70% last year. Streamflow forecasts range from 8% to 55% of average. Reservoir storage is at 84% of capacity, 10% less than last year. Surface Water Supply Indices are: Upper Sevier 48%, Lower Sevier 45% and Beaver 25%. Water supply conditions are near to much below average due to reservoir storage but with poor streamflow expected.

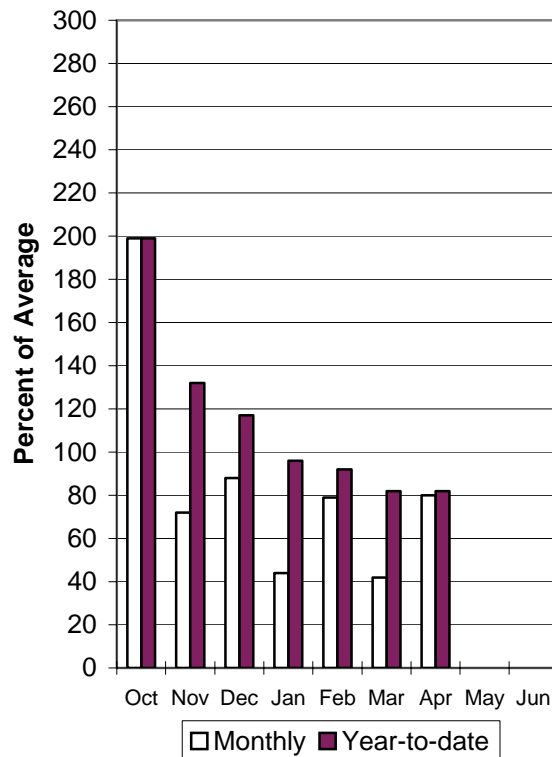
Sevier River Snowpack

5/1/2007



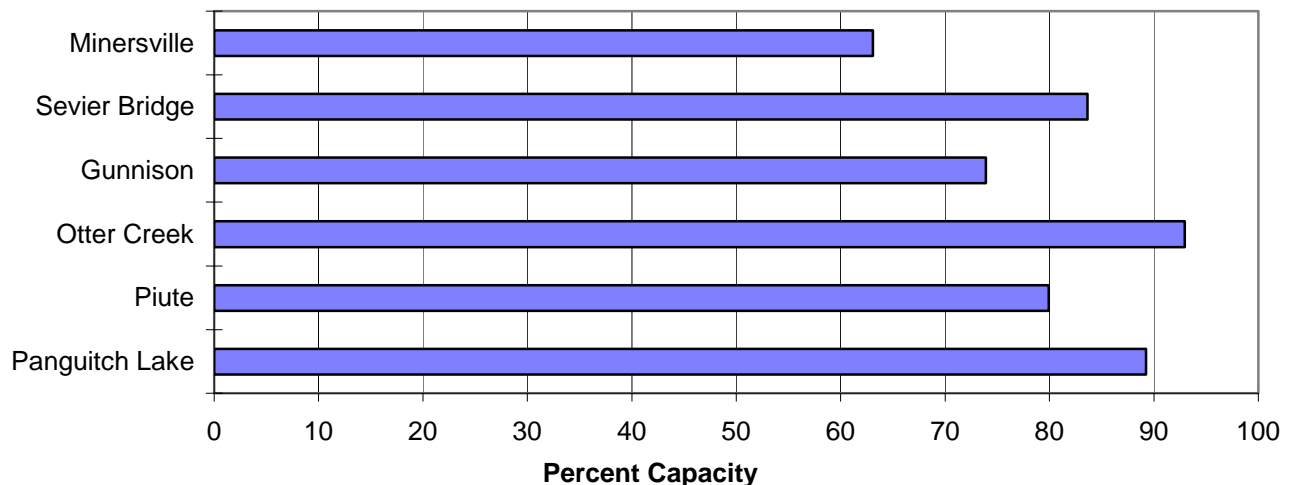
Sevier River Precipitation

5/1/2007



Reservoir Storage

5/1/2007



SEVIER & BEAVER RIVER BASINS								
Streamflow Forecasts - May 1, 2007								
Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>						
		=====		Chance Of Exceeding *		=====		30-Yr Avg.
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
Sevier River at Hatch	APR-JUL	19.0	23	25	46	28	32	55
	MAY-JUL	13.6	17.2	19.8	41	23	27	48
Sevier River nr Kingston	APR-JUL	38	45	51	57	57	67	89
	MAY-JUL	28	35	41	55	47	57	74
EF Sevier R nr Kingston	APR-JUL	4.1	9.9	15.2	40	22	33	38
	MAY-JUL	1.7	5.9	10.4	37	16.1	27	28
Sevier R blw Piute Dam	APR-JUL	13.0	29	44	35	62	94	126
	MAY-JUL	6.0	18.0	29	28	43	69	102
Clear Creek Abv Diversions Nr Sevier	APR-JUL	7.4	8.7	9.8	45	11.1	13.3	22
	MAY-JUL	5.6	6.9	8.0	45	9.3	11.5	17.9
Salina Creek at Salina	APR-JUL	1.4	4.0	6.5	33	9.6	15.2	19.7
	MAY-JUL	1.0	3.0	4.9	28	7.4	11.9	17.4
Manti Ck Blw Dugway Ck Nr Manti	APR-JUL	6.0	7.5	8.7	48	10.0	12.0	18.3
	MAY-JUL	4.9	6.4	7.6	44	8.9	10.9	17.1
Sevier R nr Gunnison	APR-JUL	90	108	122	44	136	159	280
	MAY-JUL	54	77	93	41	111	141	227
Chicken Creek nr Levan	APR-JUL	0.0	0.2	0.5	10	0.9	1.8	4.5
	MAY-JUL	0.0	0.1	0.3	8	0.6	1.2	3.4
Oak Creek nr Oak City	APR-JUL	0.2	0.4	0.5	31	0.7	1.0	1.7
	MAY-JUL	0.1	0.2	0.3	25	0.4	0.6	1.1
Beaver River nr Beaver	APR-JUL	7.8	10.3	12.3	46	14.5	18.2	27
	MAY-JUL	5.4	7.9	9.9	41	12.1	15.8	24
Minersville Reservoir inflow	APR-JUL	1.6	2.0	2.4	15	3.4	5.4	16.6
	MAY-JUL	0.7	1.2	1.6	11	2.6	4.6	14.5

SEVIER & BEAVER RIVER BASINS					SEVIER & BEAVER RIVER BASINS			
Reservoir Storage (1000 AF) - End of April					Watershed Snowpack Analysis - May 1, 2007			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
GUNNISON	20.3	15.0	20.3	15.7	UPPER SEVIER RIVER (south	9	37	16
MINERSVILLE (RkyFd)	23.3	14.7	22.2	18.0	EAST FORK SEVIER RIVER	4	39	0
OTTER CREEK	52.5	48.8	50.3	46.0	SOUTH FORK SEVIER RIVER	5	35	26
PIUTE	71.8	57.4	60.5	55.5	LOWER SEVIER RIVER (inclu	11	33	34
SEVIER BRIDGE	236.0	197.4	228.3	183.6	BEAVER RIVER	2	54	50
PANGUITCH LAKE	22.3	19.9	20.8	164.6	SEVIER & BEAVER RIVER BAS	22	36	31

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

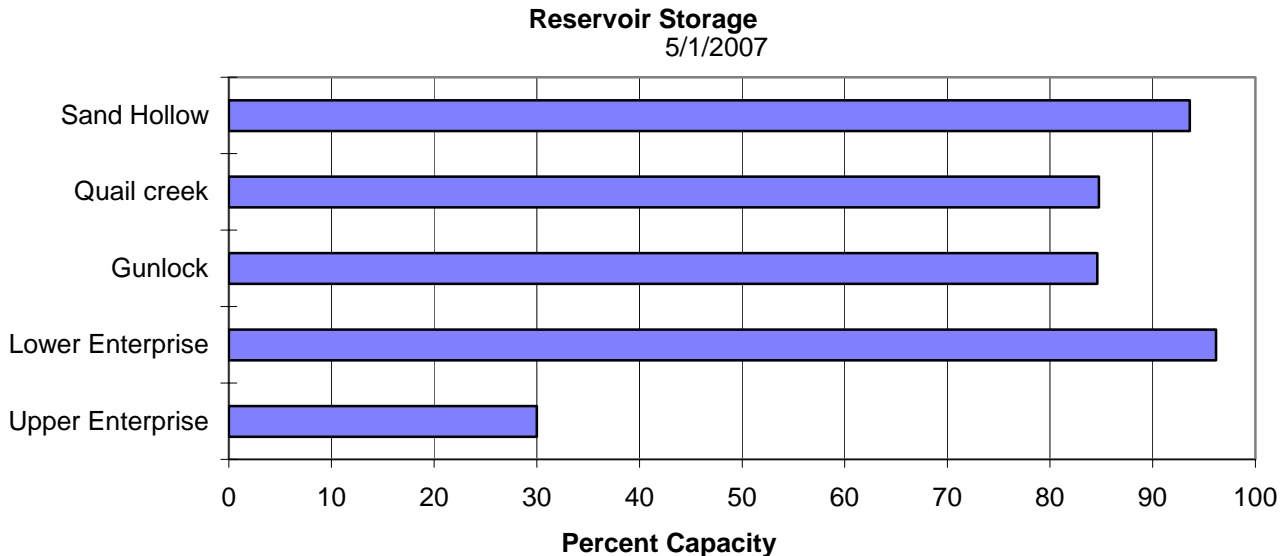
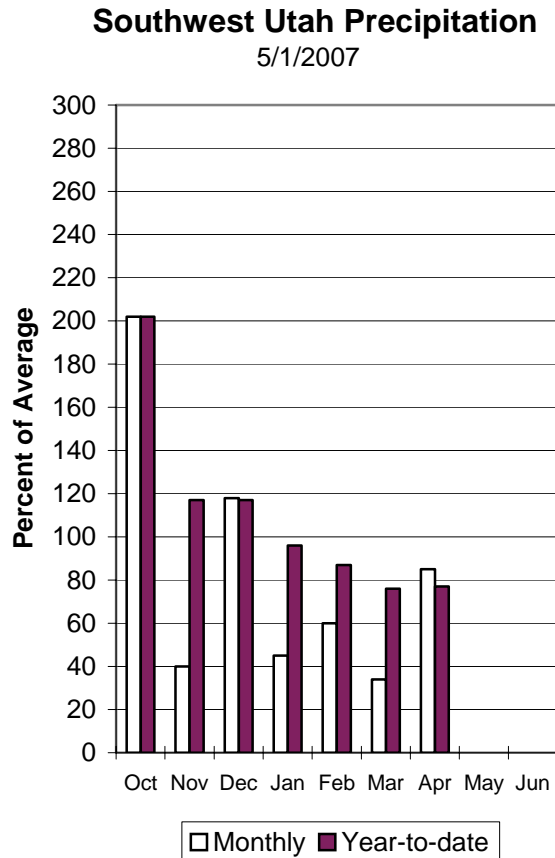
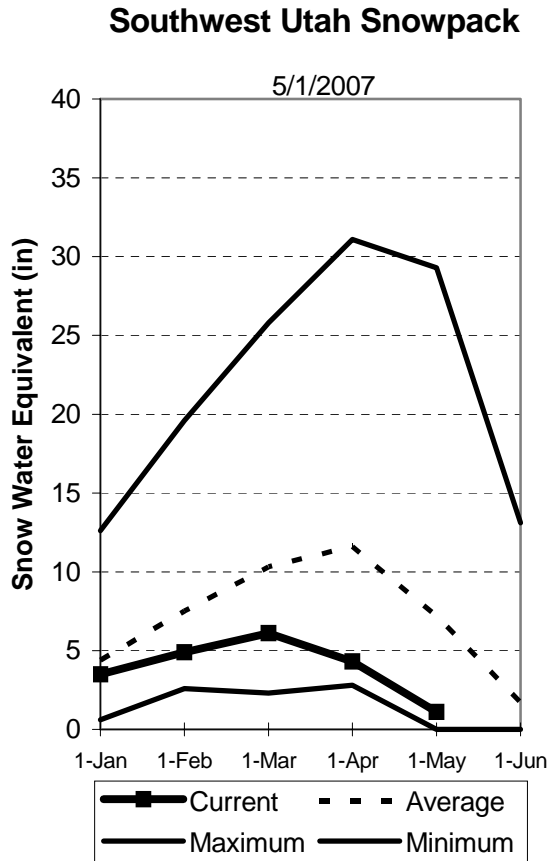
(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

(2) - The value is natural volume - actual volume may be affected by upstream water management.

E. Garfield, Kane, Washington, & Iron Co.

May 1, 2007

Snowpacks in this region are much below normal at 15% of average, about 23% of last year and down 22% relative to last month. Individual sites range from 0% to 40% of average. Precipitation in the month of April was below average at 85%, bringing the seasonal accumulation (Oct-Apr) to 77% of average. Soil moisture estimates in runoff producing areas are at 59% of saturation in the upper 2 feet of soil compared to 60% last year. Forecast streamflows range from 11% to 35% of average. Reservoir storage is at 84% of capacity, 9% less than last year. The Surface Water Supply Index is at 21%, indicating much below normal water supply conditions.



=====

E. GARFIELD, KANE, WASHINGTON, & IRON Co.
Streamflow Forecasts - May 1, 2007

=====

		<<===== Drier ===== Future Conditions ===== Wetter =====>>						
Forecast Point	Forecast Period	Chance Of Exceeding *						30-Yr Avg. (1000AF)
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
=====								
Lake Powell Inflow (2)	APR-JUL	2560	3420	4000	50	4580	5440	7930
	MAY-JUL	1760	2620	3200	46	3780	4640	6940
Virgin River at Virgin	APR-JUL	18.5	19.5	22	34	25	34	64
	MAY-JUL	11.0	12.0	14.5	35	17.2	27	42
Virgin River near Hurricane	APR-JUL	14.3	15.0	17.5	25	22	25	69
	MAY-JUL	9.3	10.0	12.5	27	17.0	19.7	46
Santa Clara River nr Pine Valley	APR-JUL	0.6	0.7	0.8	15	1.1	1.6	5.5
	MAY-JUL	0.3	0.4	0.5	11	0.7	1.3	4.5
Coal Creek nr Cedar City	APR-JUL	5.5	7.0	8.2	43	9.5	11.7	19.3
	MAY-JUL	3.0	4.5	5.7	36	7.0	9.2	15.9

E. GARFIELD, KANE, WASHINGTON, & IRON Co. Reservoir Storage (1000 AF) - End of April					E. GARFIELD, KANE, WASHINGTON, & IRON Co. Watershed Snowpack Analysis - May 1, 2007			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
GUNLOCK	10.4	8.8	10.4	4.3	VIRGIN RIVER	5	22	18
LAKE POWELL	24322.0	11767.0	10993.0	---	PAROWAN	2	35	29
QUAIL CREEK	40.0	33.9	37.8	31.6	ENTERPRISE TO NEW HARMONY	2	0	0
UPPER ENTERPRISE	10.0	3.0	10.0	---	COAL CREEK	2	35	30
LOWER ENTERPRISE	2.6	2.5	2.4	115.5	ESCALANTE RIVER	2	18	7
					E. GARFIELD, KANE, WASHIN	9	21	15

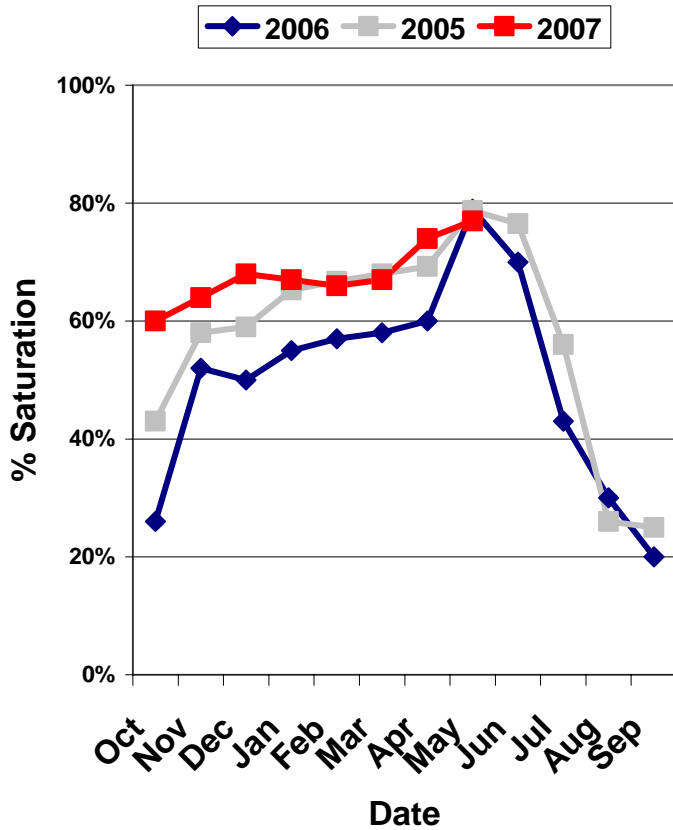
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

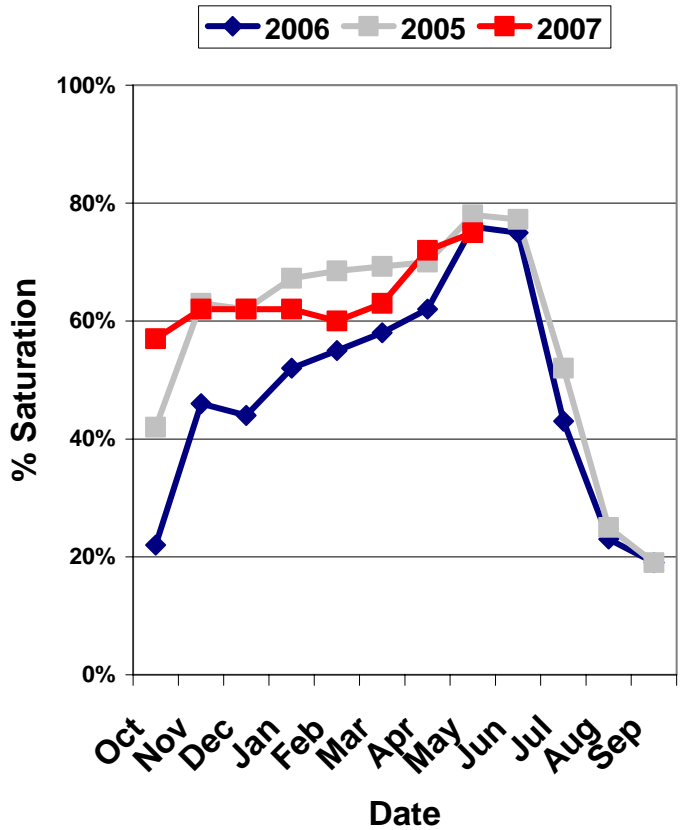
- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
 (2) - The value is natural volume - actual volume may be affected by upstream water management.

Watershed Soil Moisture Charts for Utah Water Supply

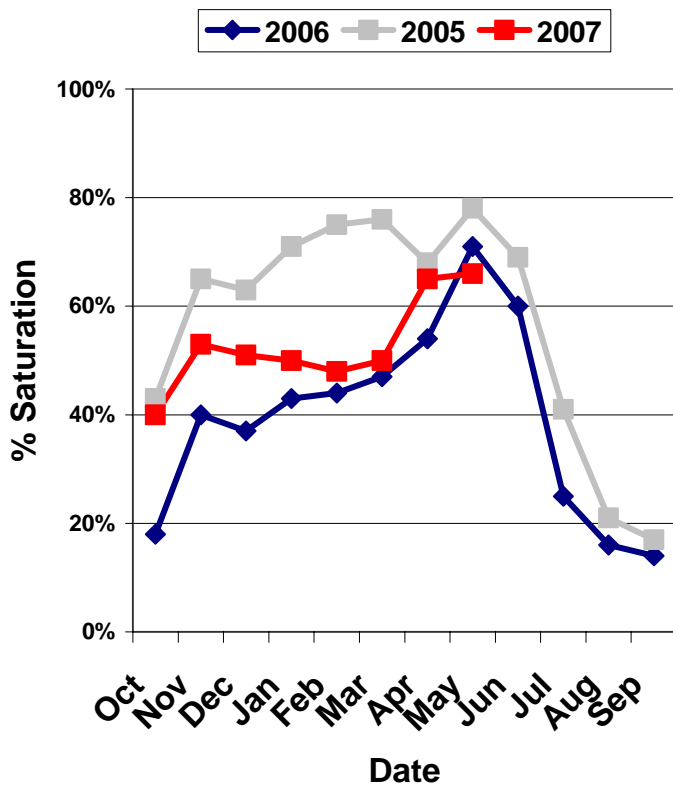
Bear River Soil Moisture



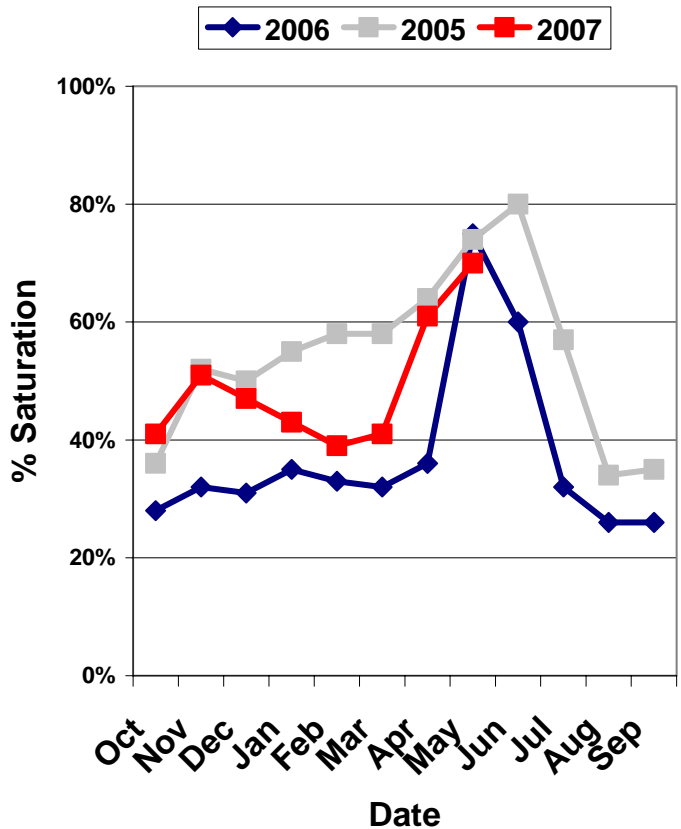
Weber River Soil Moisture



Jordan/Provo River Soil Moisture

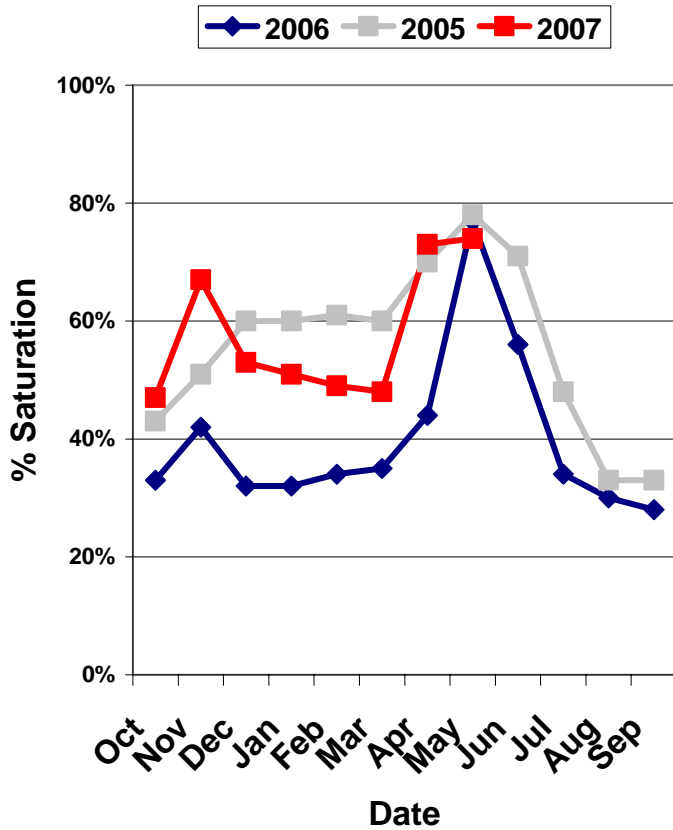


Uintah Basin Soil Moisture

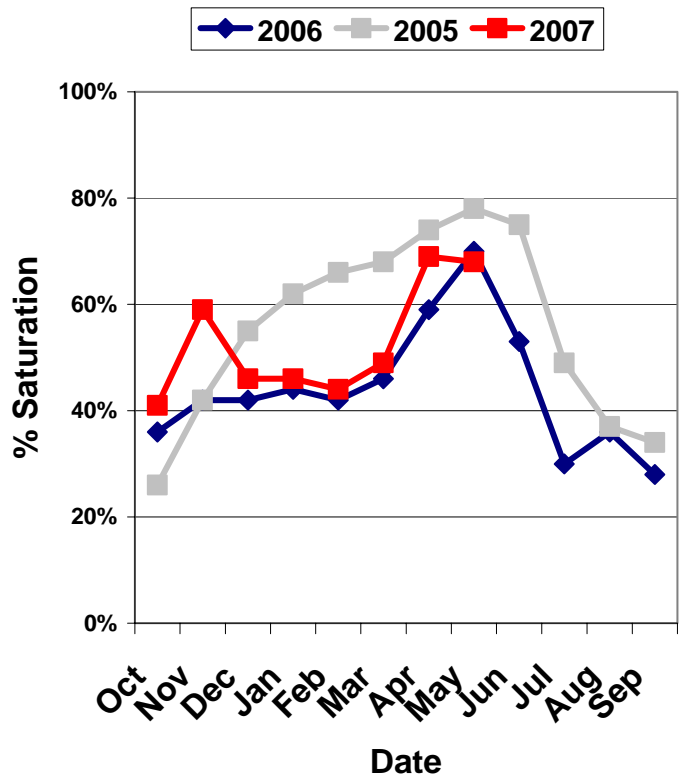


Watershed Soil Moisture Charts for Utah Water Supply

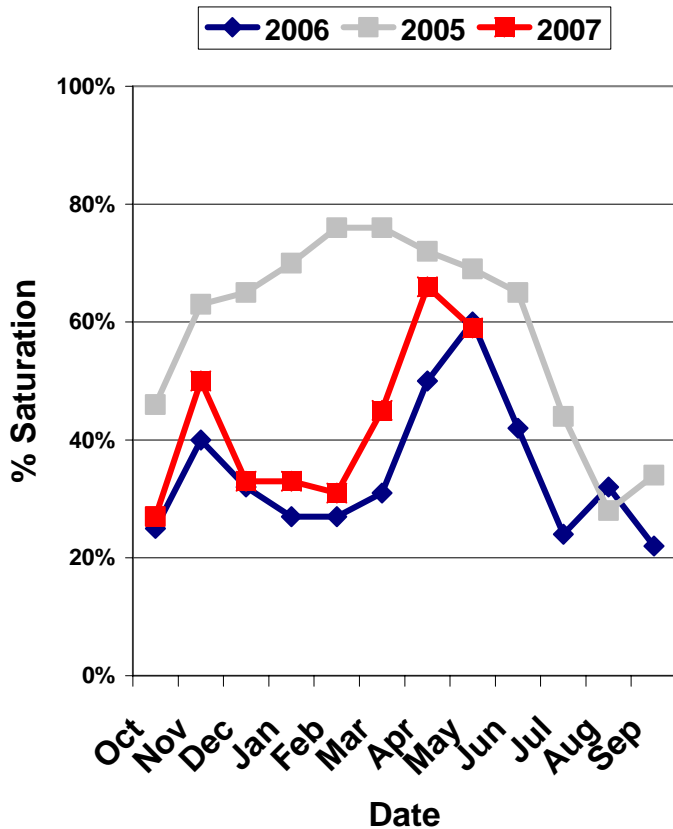
South East Utah Soil Moisture



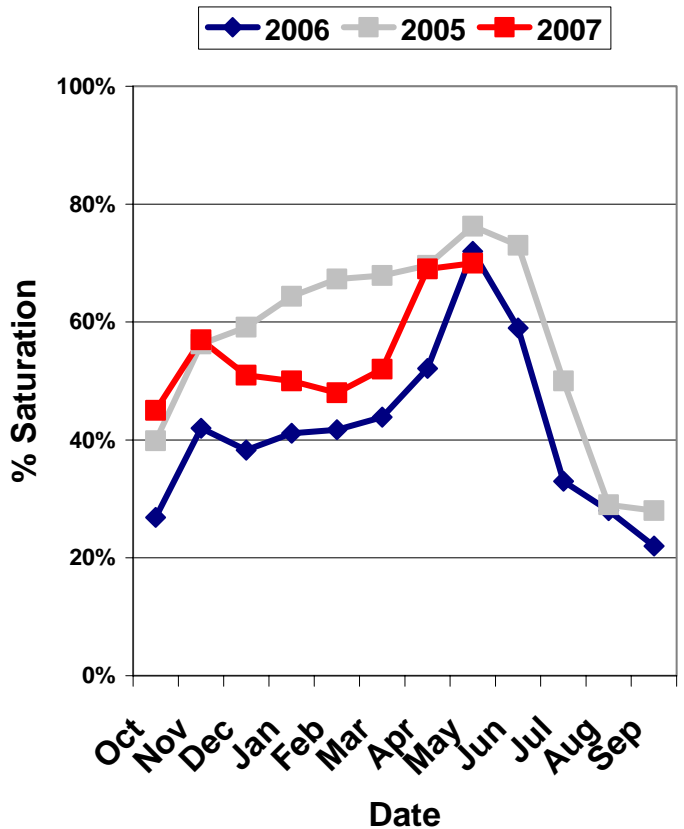
Sevier/Beaver River Soil Moisture



Southwest Utah Soil Moisture



Statewide Soil Moisture



UTAH SURFACE Snow Surveys Basin or Region 1-May-07	WATER NRCS SWSI/%	SUPPLY USDA Percentile	INDEX Years with Similar SWSI
Bear River	-2.43	21%	95,02,06,90
Ogden River	-3.00	14%	88,87,81,90
Weber River	-3.35	10%	92,03,04,90
Provo	-0.67	42%	88, 58,67,78
West Uintah Basin	0.83	60%	87,95,96,06
East Uintah Basin	-2.16	24%	94,03,81,91
Price River	-2.53	20%	89,91,63,03
San Rafael	-3.59	7%	94,02,03,04
Moab	-2.68	18%	90,89,03,01
Upper Sevier River	-0.16	48%	74,78,94,75
Lower Sevier River	-0.43	45%	68,01,89,71
Beaver River	-2.08	25%	68,01,89,71
Virgin River	-2.43	21%	03,02,04,91

Snow Surveys
245 N Jimmy Doolittle Rd
Salt Lake City, UT
(801) 524-5213

SWSI Scale: -4 to 4
Percentile: 0 - 100%

What is a Surface Water Supply Index?

The Surface Water Supply Index (SWSI) is a predictive indicator of total surface water availability within a watershed for the spring and summer water use seasons. The index is calculated by combining pre-runoff reservoir storage (carryover) with forecasts of spring and summer streamflow which are based on current snowpack and other hydrologic variables. SWSI values are scaled from +4.1 (abundant supply) to -4.1 (extremely dry) with a value of zero (0) indicating median water supply as compared to historical analysis. SWSI's are calculated in this fashion to be consistent with other hydroclimatic indicators such as the Palmer Drought Index and the Precipitation index.

Utah Snow Surveys has also chosen to display the SWSI as a PERCENT CHANCE OF NON-EXCEEDANCE. While this is a very cumbersome name, it has the simplest application. It can be best thought of as a simple scale of 1 to 99 with 1 being the drought of record (driest possible conditions) and 99 being the flood of record (wettest possible conditions) and a value of 50 representing average conditions. This rating scale is a percentile rating as well, for example a SWSI of 75% means that this years water supply is greater than 75% of all historical events and that only 25% of the time has it been exceeded. Conversely a SWSI of 10% means that 90% of historical events have been greater than this one and that only 10% have had less total water supply. This scale is far more intuitive for most people and is totally comparable between basins: a SWSI of 50% means the same relative ranking on watershed A as it does on watershed B, which may not be strictly true of the +4 to -4 scale.

For more information on the SWSI go to: www.ut.nrcs.usda.gov/snow/ on the water supply page. The entire period of historical record for reservoir storage and streamflow is available.

S N O W C O U R S E D A T A

MAY 2007

SNOW COURSE	ELEV.	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
AGUA CANYON SNOTEL	8900	5/01	0	.0	.0	1.8
ALTA CENTRAL	8800	4/26	48	20.9	53.8	36.5
BEAVER DAMS SNOTEL	8000	5/01	0	.0	1.9	4.7
BEAVER DIVIDE SNOTEL	8280	5/01	0	.0	.6	3.2
BEN LOMOND PK SNOTEL	8000	5/01	16	7.7	49.3	37.1
BEN LOMOND TR SNOTEL	6000	5/01	0	.0	3.9	6.8
BEVAN'S CABIN	6450	4/27	0	0.0	1.9	5.0
BIG FLAT SNOTEL	10290	5/01	46	14.4	19.8	20.9
BIRCH CROSSING	8100	4/30	0	0.0	0.6	1.4
BLACK FLAT-U.M. CK S	9400	5/01	0	.0	1.9	7.1
BLACK'S FORK GS-EF	9340	4/26	0	0.0	5.6	8.6
BLACK'S FORK JUNCTN	8930	4/26	0	0.0	4.9	6.8
BOX CREEK SNOTEL	9800	5/01	0	.0	6.5	10.3
BRIAN HEAD	10000	4/30	18	8.3	17.6	20.8
BRIGHTON SNOTEL	8750	5/01	15	6.5	31.2	25.0
BRIGHTON CABIN	8700	4/26	35	12.9	34.5	23.6
BROWN DUCK SNOTEL	10600	5/01	43	15.0	22.6	20.1
BRYCE CANYON	8000	5/01	0	.0	0.0	-
BUCK FLAT SNOTEL	9800	5/01	0	.0	21.4	15.6
BUCK PASTURE	9700	4/26	27	9.7	17.8	16.7
BUCKBOARD FLAT	9000	4/30	0	0.0	0.9	7.0
BUG LAKE SNOTEL	7950	5/01	22	7.5	22.7	18.0
BURT'S-MILLER RANCH	7900	4/26	0	0.0	0.0	1.3
CAMP JACKSON SNOTEL	8600	5/01	0	.0	.0	6.4
CASCADE MOUNTAIN SNO	7770	5/01	0	.0	15.9	-
CASTLE VALLEY SNOTEL	9580	5/01	0	.0	2.9	7.5
CHALK CK #1 SNOTEL	9100	5/01	32	11.7	27.9	25.3
CHALK CK #2 SNOTEL	8200	5/01	8	3.4	11.3	12.0
CHALK CREEK #3	7500	4/26	0	0.0	0.0	1.8
CHEPETA SNOTEL	10300	5/01	18	7.7	12.4	12.1
CLAYTON SPRINGS SNTL	10000	5/01	0	.0	2.8	-
CLEAR CK RIDG #1 SNT	9200	5/01	0	.0	19.0	15.7
CLEAR CK RIDG #2 SNT	8000	5/01	0	.0	5.6	7.9
CORRAL	8200	4/26	0	0.0	0.0	-
CURRANT CREEK SNOTEL	8000	5/01	0	.0	.0	2.6
DANIELS-STRAWBERRY S	8000	5/01	0	.0	10.3	9.5
DILL'S CAMP SNOTEL	9200	5/01	0	.0	11.2	9.4
DONKEY RESERVOIR SNO	9800	5/01	3	1.0	.0	4.2
DRY BREAD POND SNTL	8350	5/01	0	.0	15.4	18.3
DRY FORK SNOTEL	7160	5/01	0	.0	6.9	7.7
EAST WILLOW CREEK SN	8250	5/01	0	.0	.0	3.0
FARMINGTON U. SNOTEL	8000	5/01	44	17.9	50.5	31.8
FARMINGTON L. SNOTEL	6780	5/01	0	.0	14.8	-
FARNSWORTH LK SNOTEL	9600	5/01	45	15.8	14.0	21.1
FISH LAKE	8700	4/27	0	0.0	1.3	5.0
FIVE POINTS LAKE SNO	10920	5/01	23	8.1	23.0	17.5
G.B.R.C. HEADQUARTER	8700	4/26	5	1.9	15.8	14.2
G.B.R.C. MEADOWS	10000	4/26	39	15.4	32.4	25.8
GARDEN CITY SUMMIT	7600	4/26	21	6.7	16.6	14.7
GARDNER PEAK SNOTEL	8350	5/01	0	.0	1.6	-
GEORGE CREEK	8840				-	-
GOOSEBERRY R.S.	8400	4/27	2	0.9	4.2	8.3
GOOSEBERRY R.S. SNTL	7900	5/01	0	.0	.0	2.7
GUTZ PEAK SNOTEL	6820	5/01	0	.0	.0	-
HARDSCRABBLE SNOTEL	7250	5/01	0	.0	13.8	6.9
HARRIS FLAT SNOTEL	7700	5/01	0	.0	.0	1.5
HAYDEN FORK SNOTEL	9100	5/01	0	.0	14.9	13.0
HENRY'S FORK	10000	4/26	25	8.9	10.8	13.6
HEWINTA SNOTEL	9500	5/01	0	.0	2.4	9.3
HICKERSON PARK SNTL	9100	5/01	0	.0	.0	5.7
HIDDEN SPRINGS	5500	4/27	0	0.0	0.0	-
HOBBLE CREEK SUMMIT	7420	4/26	0	0.0	12.4	6.3
HOLE-IN-ROCK SNOTEL	9150	5/01	0	.0	.5	4.7
HORSE RIDGE SNOTEL	8260	5/01	0	.0	20.6	17.9
HUNTINGTON-HORSESHOE	9800	4/26	31	12.9	33.2	24.6
INDIAN CANYON SNOTEL	9100	5/01	0	.0	3.3	7.9
JOHNSON VALLEY	8850	4/27	0	0.0	3.1	3.8
JONES CORRAL G.S.	9720	4/27	32	9.4	9.0	-

SNOW COURSE	ELEV.	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
KILFOIL CREEK	7300	4/26	9	2.9	14.5	9.8
KILLYON CANYON	6300	4/27	0	0.0	0.0	-
KIMBERLY MINE SNOTEL	9300	5/01	5	2.4	6.7	12.5
KING'S CABIN SNOTEL	8730	5/01	0	.0	.4	7.6
KLONDIKE NARROWS	7400	4/26	0	0.0	22.6	13.3
KOLOB SNOTEL	9250	5/01	0	.0	14.4	18.2
LAKEFORK #1 SNOTEL	10100	5/01	6	1.7	10.4	11.5
LAKEFORK BASIN SNTL	10900	5/01	42	11.8	27.6	23.8
LAKEFORK MOUNTAIN #3	8400	4/26	0	0.0	0.0	1.8
LAMBS CANYON	7400	4/27	1	0.2	15.2	8.7
LASAL MOUNTAIN LOWER	8800	4/30	0	0.0	0.0	4.2
LASAL MOUNTAIN SNTL	9850	5/01	0	.0	.0	8.7
LIGHTNING RIDGE SNTL	8220	5/01	0	.0	17.5	-
LILY LAKE SNOTEL	9050	5/01	1	.8	6.4	11.1
LITTLE BEAR LOWER	6000	4/26	0	0.0	0.0	1.7
LITTLE BEAR SNOTEL	6550	5/01	0	.0	.0	3.4
LITTLE GRASSY SNOTEL	6100	5/01	0	.0	.0	.0
LONG FLAT SNOTEL	8000	5/01	0	.0	.0	1.8
LONG VALLEY JCT. SNT	7500	5/01	0	.0	.0	.0
LOOKOUT PEAK SNOTEL	8200	5/01	24	8.5	40.7	20.4
LOST CREEK RESERVOIR	6130	4/26	0	0.0	0.0	.0
LOUIS MEADOW SNOTEL	6700	5/01	0	.0	13.4	-
MAMMOTH-COTTONWD SNT	8800	5/01	0	.0	17.6	16.0
MERCHANT VALLEY SNTL	8750	5/01	0	.0	7.1	8.1
MIDDLE CANYON	7000	4/27	0	0.0	6.1	7.8
MIDWAY VALLEY SNOTEL	9800	5/01	21	9.0	23.0	23.2
MILL CREEK	6950	4/27	29	10.1	26.9	18.6
MILL-D NORTH SNOTEL	8960	5/01	0	.0	31.3	21.7
MILL-D SOUTH FORK	7400	4/27	0	0.0	22.2	12.4
MINING FORK SNOTEL	8000	5/01	0	.0	20.2	18.3
MONTE CRISTO SNOTEL	8960	5/01	35	12.6	34.1	28.3
MOSBY MTN. SNOTEL	9500	5/01	0	.0	7.3	12.0
MT.BALDY R.S.	9500	4/26	37	13.7	33.0	24.6
MUD CREEK #2	8600	4/26	6	2.0	20.0	8.4
OAK CREEK	7760	4/27	13	4.4	10.5	8.4
PANGUITCH LAKE R.S.	8200	4/26	0	0.0	.0	-
PARLEY'S CANYON SNTL	7500	5/01	0	.0	9.9	9.3
PARRISH CREEK SNOTEL	7740	5/01	17	5.9	34.0	-
PAYSON R.S. SNOTEL	8050	5/01	0	.0	8.3	13.3
PICKLE KEG SNOTEL	9600	5/01	0	.0	17.3	14.1
PINE CREEK SNOTEL	8800	5/01	9	3.8	13.2	21.2
RED PINE RIDGE SNTL	9200	5/01	0	.0	19.1	13.0
REDDEN MINE LOWER	8500	4/26	5	2.0	17.2	15.6
REES'S FLAT	7300	4/27	0	0.0	6.3	7.3
ROCK CREEK SNOTEL	7900	5/01	0	.0	.0	1.4
ROCKY BN-SETTLEMT SN	8900	5/01	8	4.7	24.3	25.3
SEELEY CREEK SNOTEL	10000	5/01	8	2.9	16.7	15.5
SMITH MOREHOUSE SNTL	7600	5/01	0	.0	5.7	7.5
SNOWBIRD SNOTEL	9700	5/01	51	24.5	68.9	41.3
SPIRIT LAKE	10300	4/26	32	12.4	9.5	14.7
SQUAW SPRINGS	9300	4/27	0	0.0	2.7	3.7
STEEL CREEK PARK SNO	10100	5/01	35	13.6	18.4	18.6
STILLWATER CAMP	8550	4/26	0	0.0	2.4	6.8
STRAWBERRY DIVIDE SN	8400	5/01	0	.0	14.5	11.3
SUSC RANCH	8200	4/26	0	0.0	.0	2.2
TALL POLES	8800	4/30	3	1.1	8.1	10.9
TEMPLE FORK SNOTEL	7410	5/01	0	.0	11.6	-
THAYNES CANYON SNTL	9200	5/01	27	10.3	31.9	22.5
THISTLE FLAT	8500	4/26	12	4.5	19.3	-
TIMBERLINE	9100	4/26	0	0.0	1.7	-
TIMPANOGOS DIVIDE SN	8140	5/01	0	.0	20.8	17.6
TONY GROVE LK SNOTEL	8400	5/01	37	15.2	51.8	34.2
TONY GROVE R.S.	6250	4/26	0	0.0	3.0	3.2
TRIAL LAKE	9960	4/26	40	15.5	32.9	25.2
TRIAL LAKE SNOTEL	9960	5/01	21	11.2	33.2	26.5
TROUT CREEK SNOTEL	9400	5/01	0	.0	.7	7.8
UPPER JOES VALLEY	8900	4/26	0	0.0	9.8	5.0
VERNON CREEK SNOTEL	7500	5/01	0	.0	.6	4.5
VIPONT	7670				-	-
WEBSTER FLAT SNOTEL	9200	5/01	0	.0	2.4	6.8
WHITE RIVER #1 SNTL	8550	5/01	0	.0	4.8	7.7
WHITE RIVER #3	7400	4/26	0	0.0	0.0	.5
WIDTSOE #3 SNOTEL	9500	5/01	0	.0	2.9	9.5
WRIGLEY CREEK	9000	4/26	0	0.0	9.6	7.3
YANKEE RESERVOIR	8700	4/30	0	0.0	2.8	6.0



Issued by

Arlen Lancaster
Chief
Natural Resources Conservation Service
U.S. Department of Agriculture

Released by

Sylvia Gillen
State Conservationist
Natural Resources Conservation Service
Salt Lake City, Utah

Prepared by

Snow Survey Staff
Randall Julander, Supervisor
Ray Wilson, Hydrologist
Timothy Bardsley, Hydrologist
Mike Bricco, Hydrologist
Brooke Nelson, Hydrologist
Bob Nault, Electronics Technician

YOU MAY OBTAIN THIS PRODUCT AS WELL AS CURENT SNOW, PRECIPITATION,
TEMPERATURE AND SOIL MOISTURE, RESERVOIR, SURFACE WATER SUPPLY INDEX, AND
OTHER DATA BY VISITING OUR WEB SITE @:

<http://www.ut.nrcs.usda.gov/snow/>

Snow Survey, NRCS, USDA
245 North Jimmy Doolittle Road
Salt Lake City, UT 84116
(801) 524-5213



Utah Water Supply Outlook Report

Natural Resources Conservation Service
Salt Lake City, UT

